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Attorney Docket No.: 02307B-099030US Client Ref. No.: UC Case No. B99-099-3

TOWNSEND and TOWNSEND and CREW LLP

By: Kimberly Helalt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

David W. Ow et al.

Application No.: 10/721,980

Filed: November 24, 2003

For: DNA RECOMBINATION IN EUKARYOTIC CELLS BY THE BACTERIOPHAGE PHIC31 RECOMBINATION SYSTEM

Customer No.: 20350

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Confirmation No. 6995

Examiner:

James S. Ketter

Technology Center/Art Unit: 1636

AMENDMENT

Commissioner:

In response to the Office Action mailed December 8, 2009, please enter the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.